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Figure 1
(Prior Art)

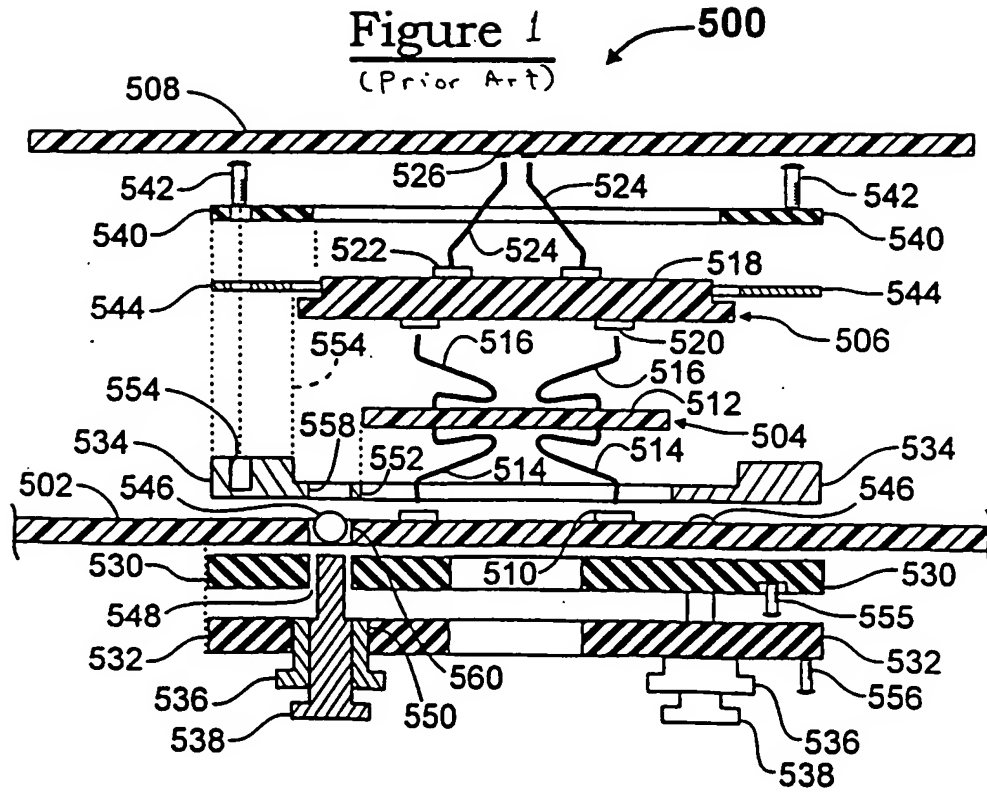


Figure 2 A
(Prior Art)

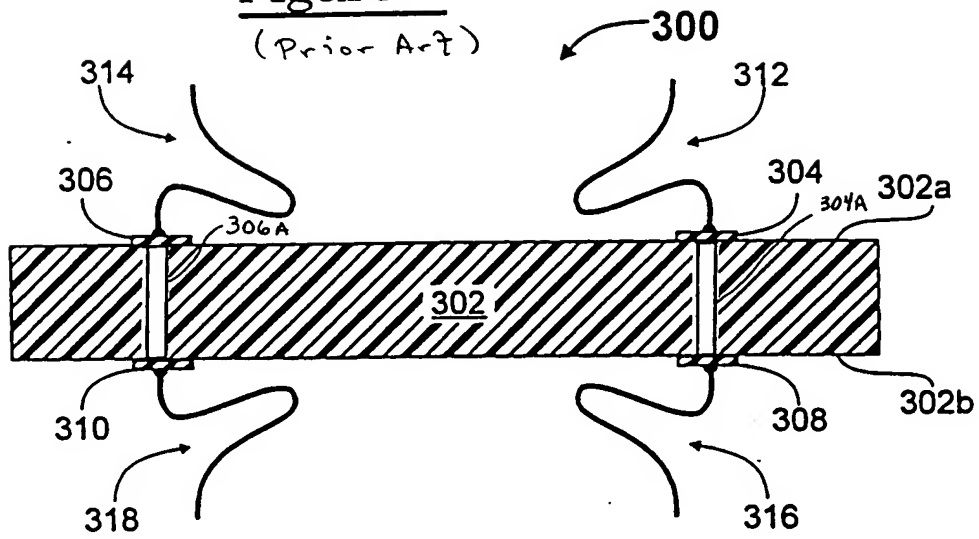


FIG. 2B (Prior Art)

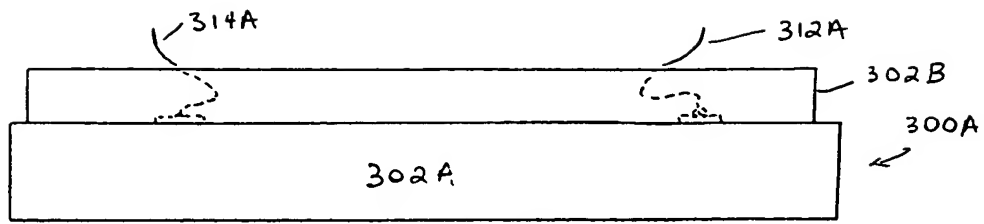


FIG. 2C (Prior Art)

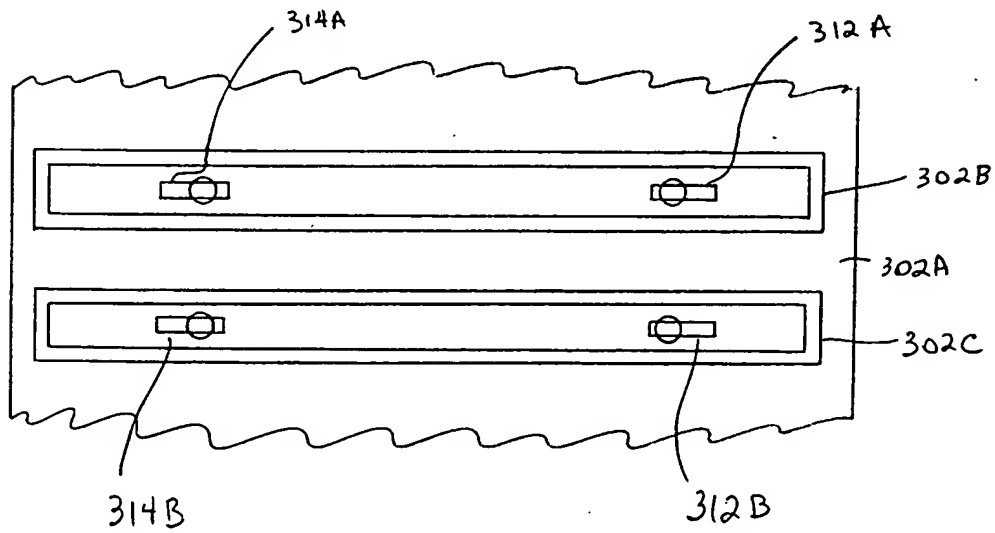


Figure 3 A (Prior Art)

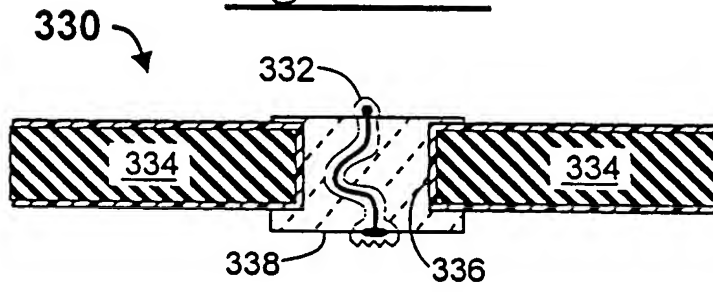


Figure 3 B (Prior Art)

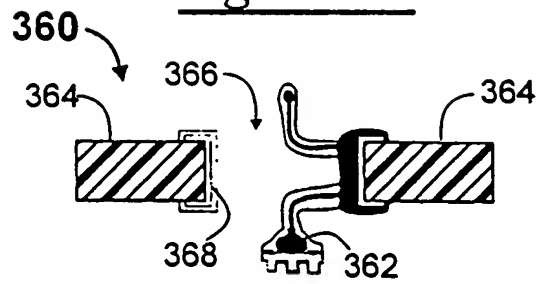


Fig. 4 (Prior Art)

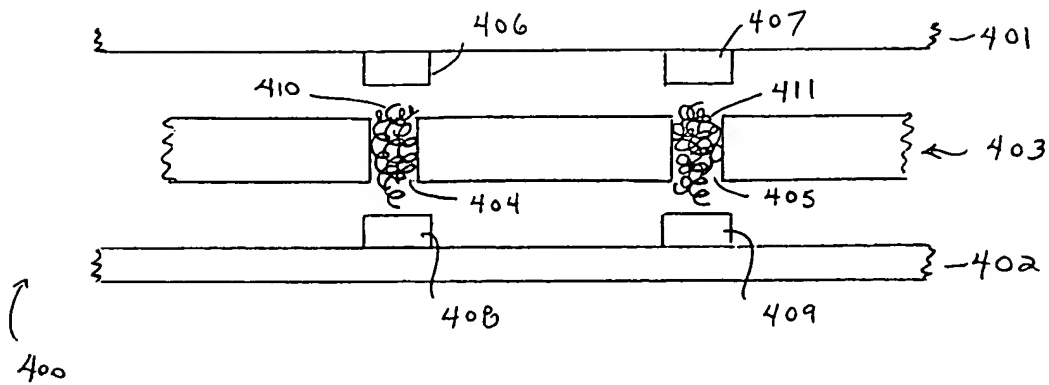


Figure 5A

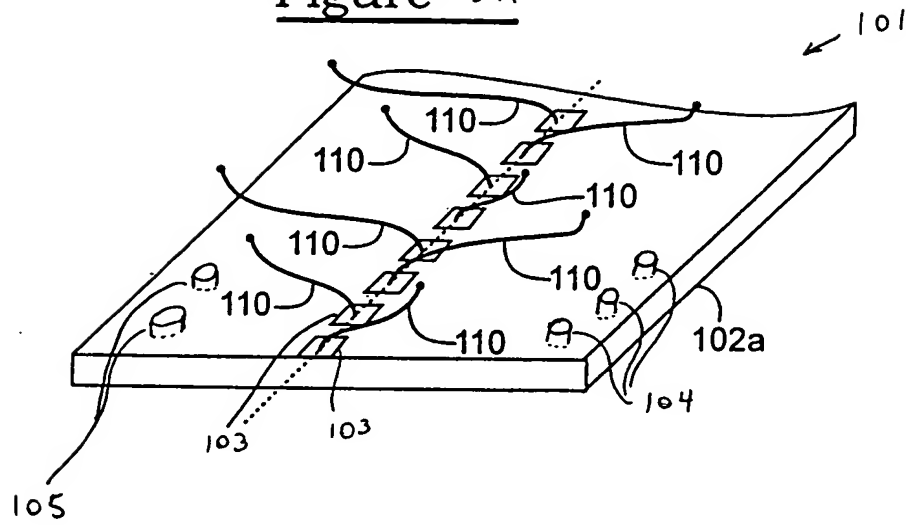


FIG. 5B

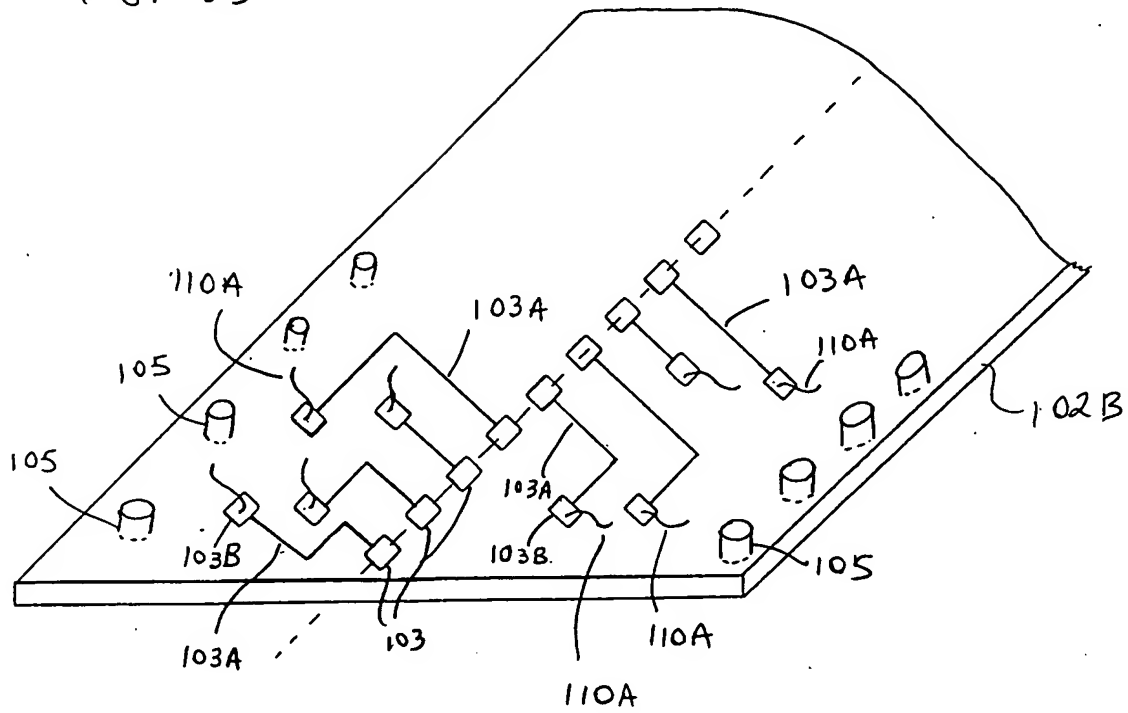


FIG. 6 A

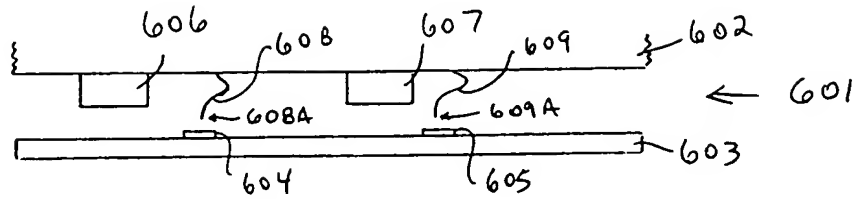


FIG. 6B

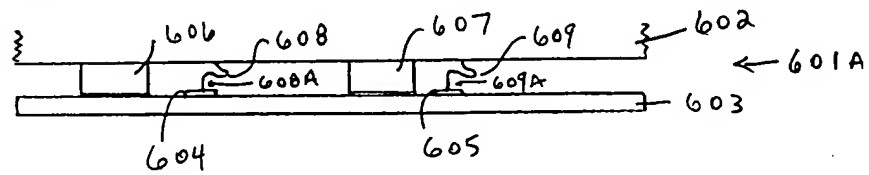


FIG. 7

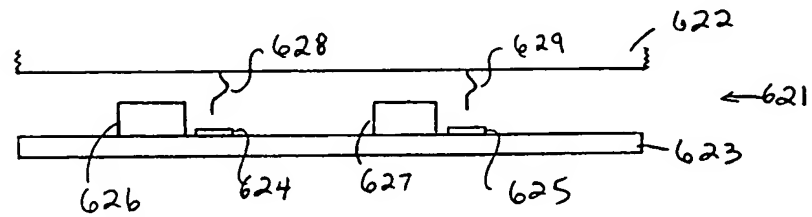


FIG. 6C

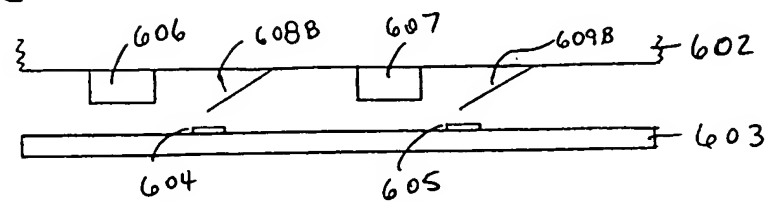
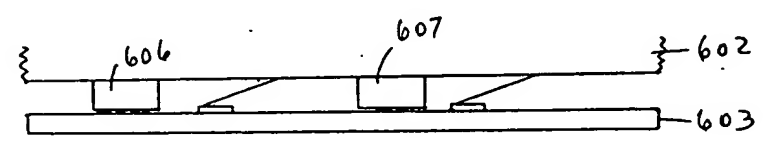


FIG. 6D



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



FIG. 8A

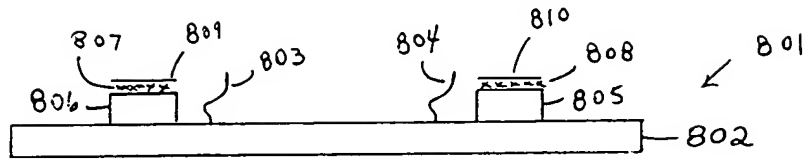


FIG. 8B

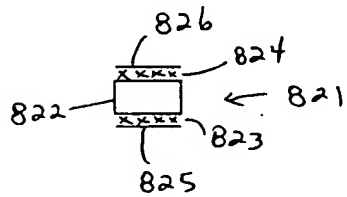


FIG. 9A

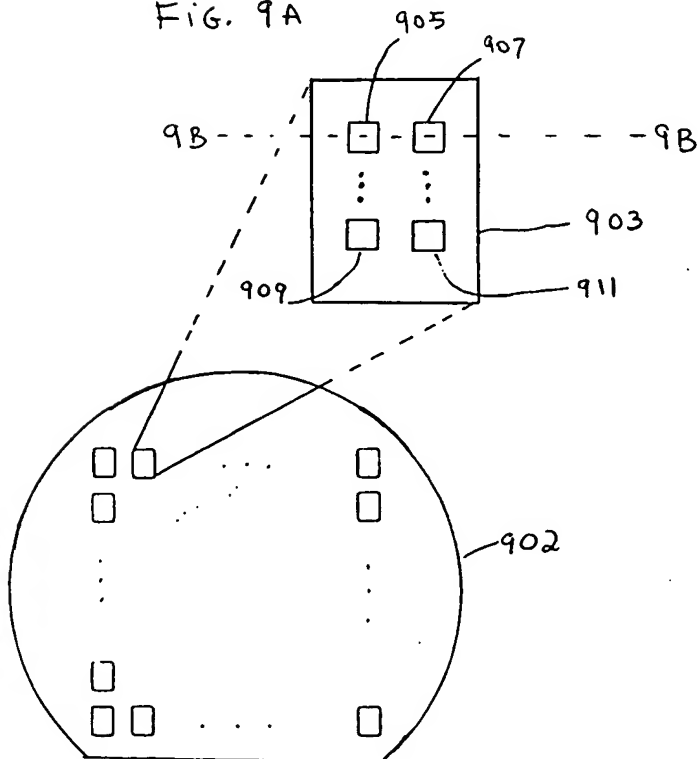


FIG. 9B

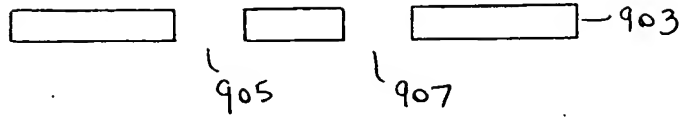


FIG. 9C

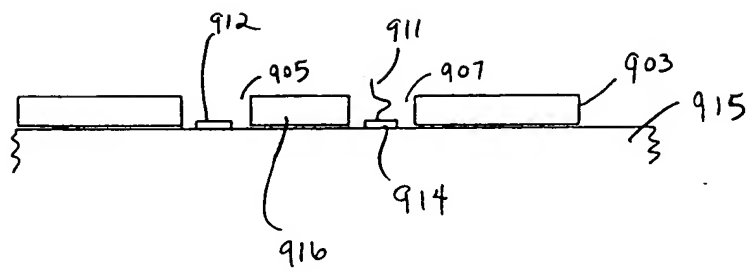


FIG. 9D

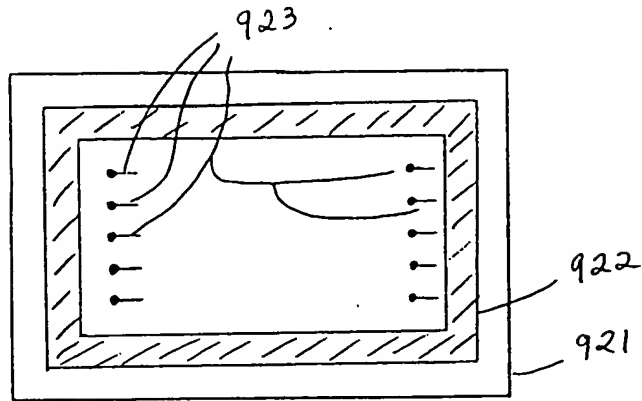


FIG. 9E

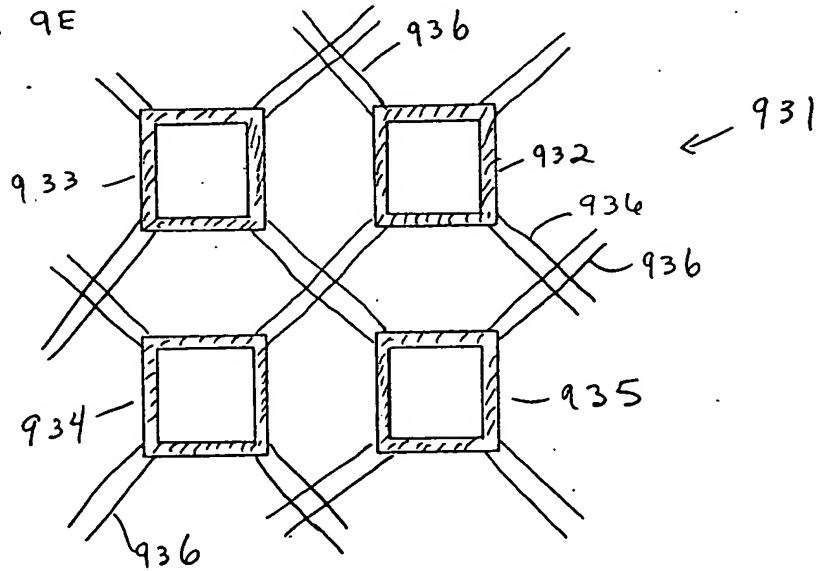


FIG. 9 F

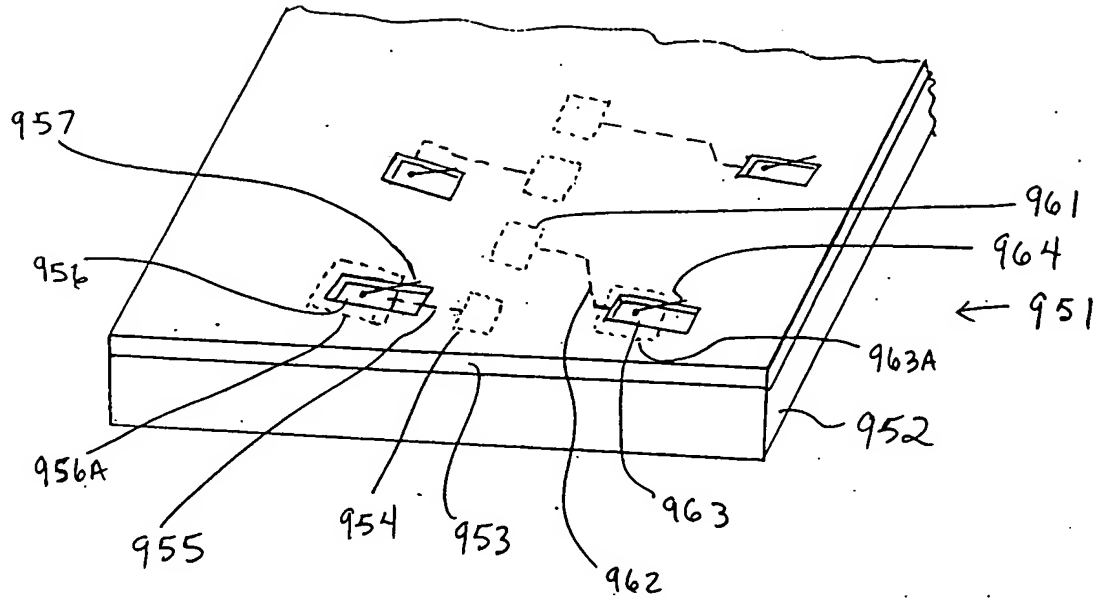


Fig. 10A

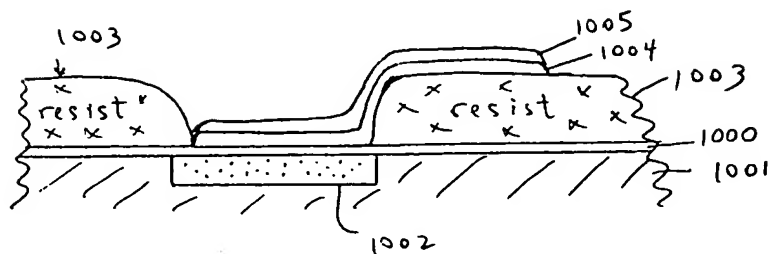


FIG 10 B

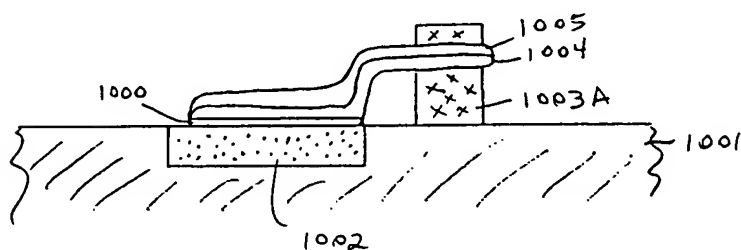


FIG. 10C

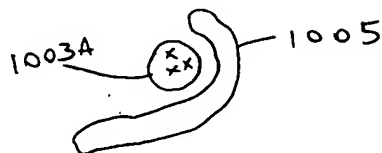


FIG. 10 D

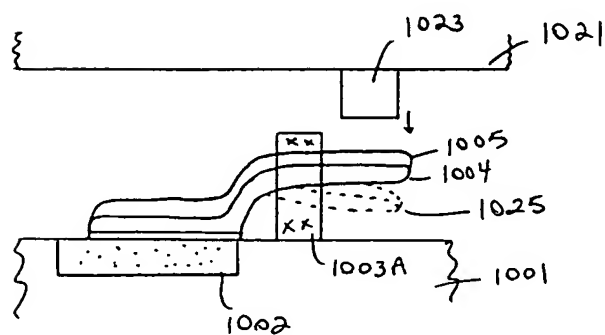


FIG. 10E

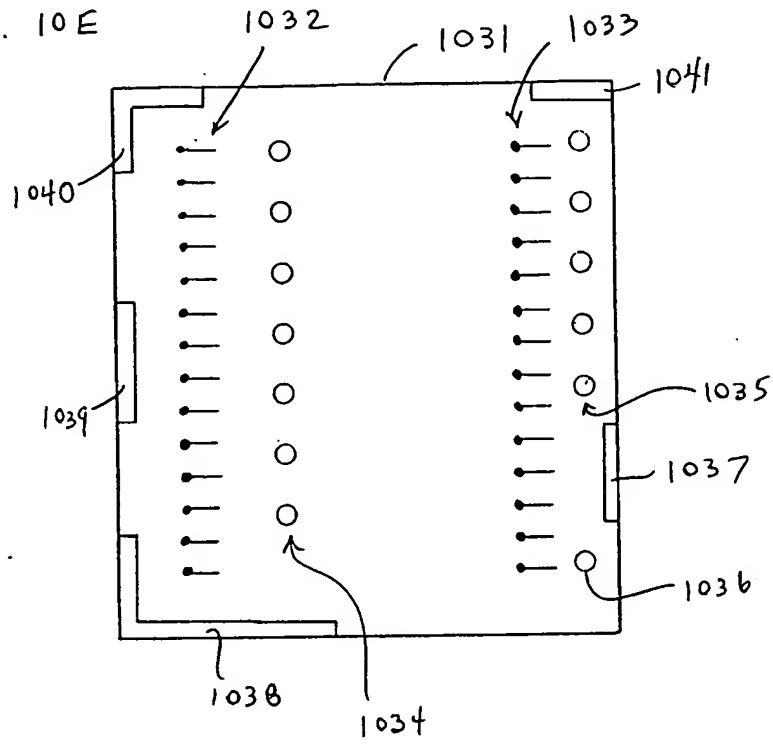


FIG. 10 F

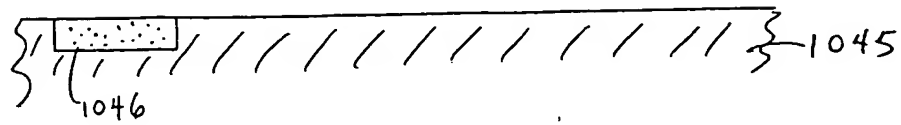


FIG. 10 G

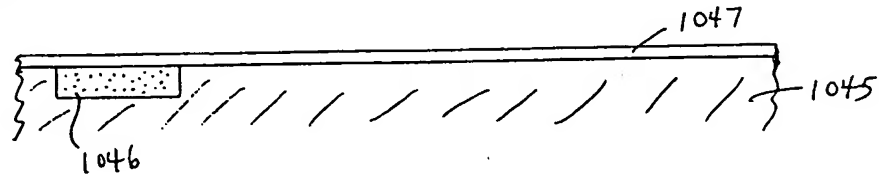


FIG. 10 H

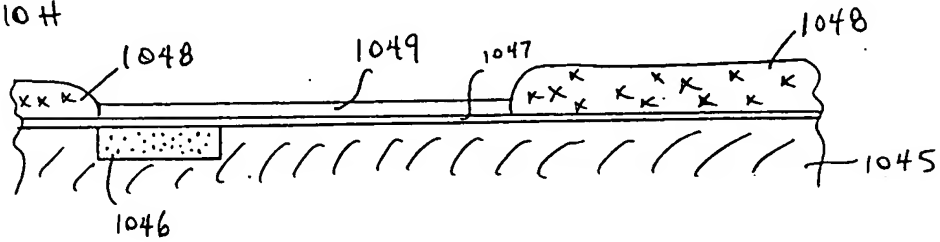


FIG. 10 I

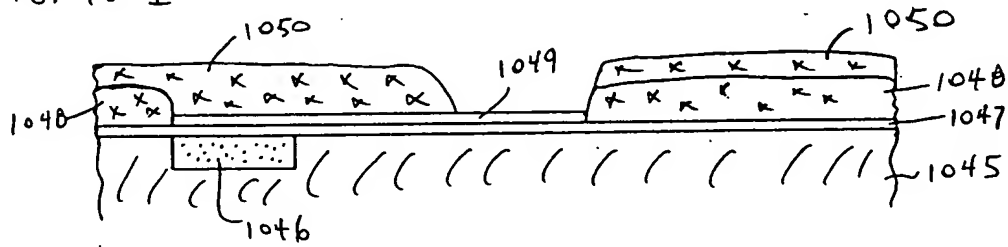


FIG. 10 J

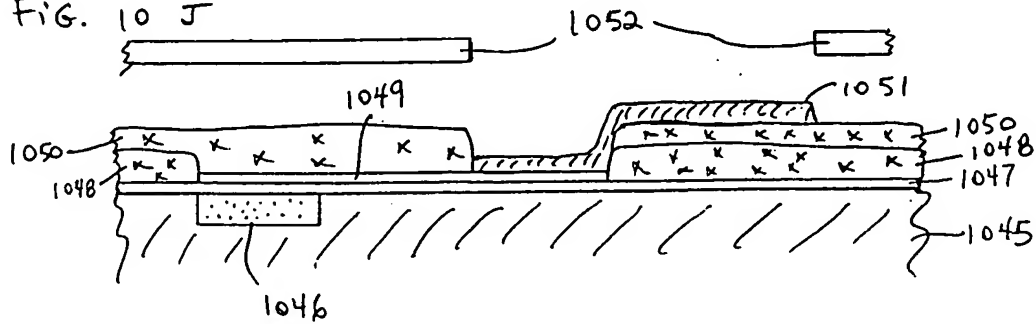


FIG. 10 K

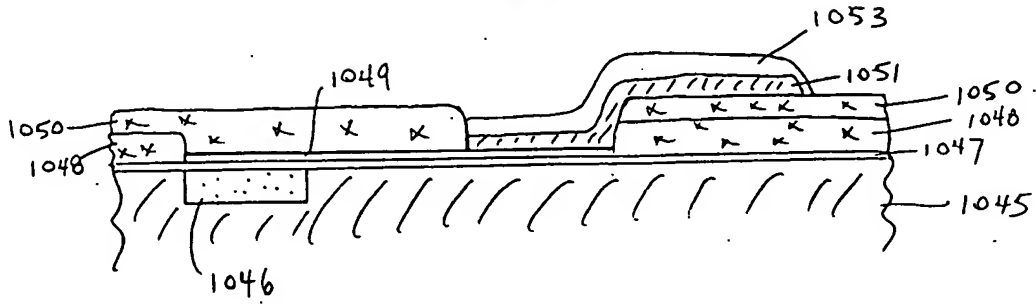


FIG. 10 L

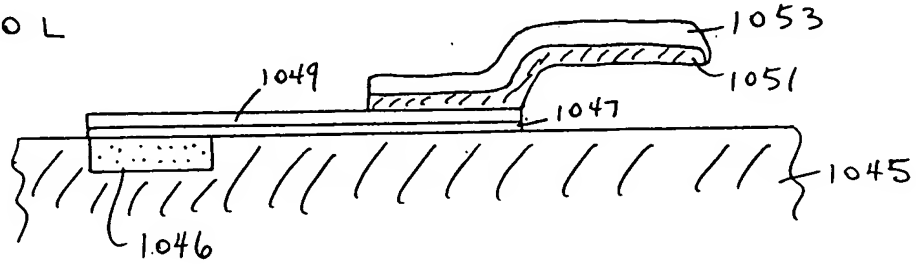


FIG. 10 M

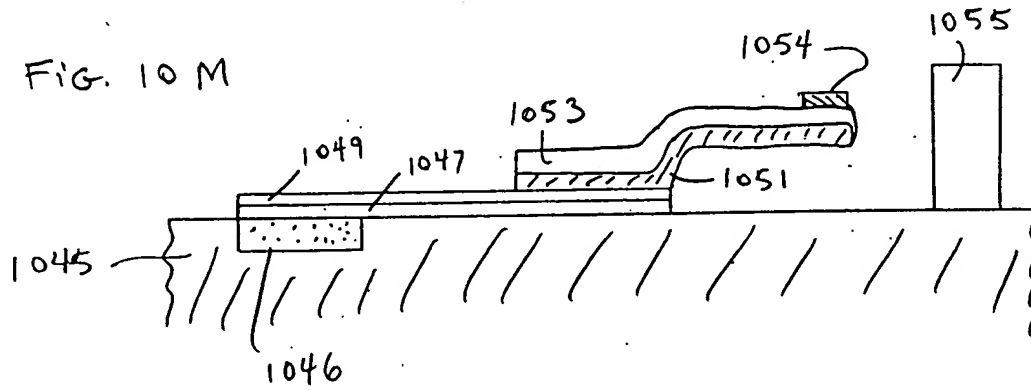


FIG. 11

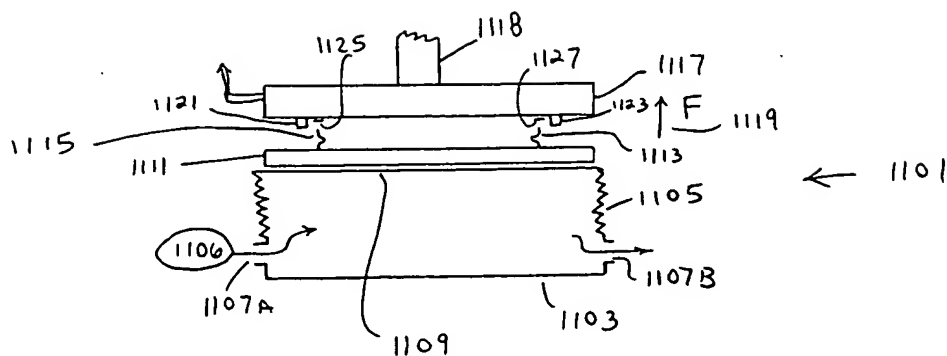


FIG. 12A

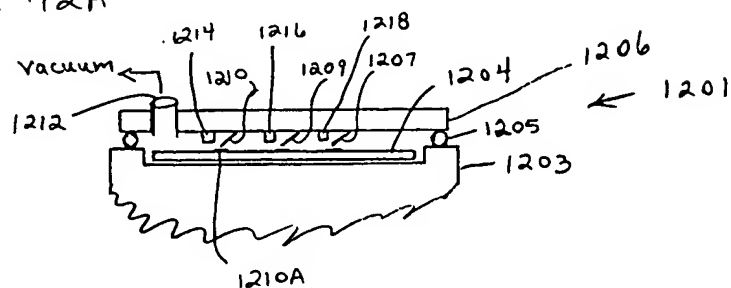
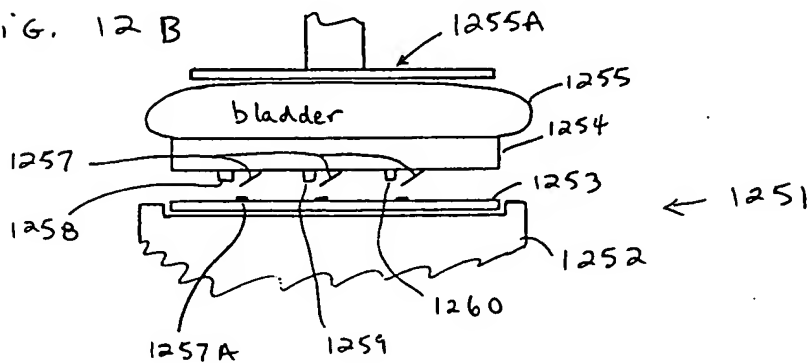


FIG. 12 B



A cross-sectional view of a multi-layered structure 1300. The structure consists of a top layer 1303, a middle layer 1304, and a bottom layer 1302. The middle layer 1304 contains a central region 1305 and two side regions 1306 and 1307. The bottom layer 1302 contains a central region 1308 and two side regions 1309 and 1310. The top layer 1303 contains a central region 1311 and two side regions 1312 and 1313. The middle layer 1304 contains a central region 1314 and two side regions 1315 and 1316. The bottom layer 1302 contains a central region 1317 and two side regions 1318 and 1319. The top layer 1303 contains a central region 1320 and two side regions 1321 and 1322. The middle layer 1304 contains a central region 1323 and two side regions 1324 and 1325. The bottom layer 1302 contains a central region 1326 and two side regions 1327 and 1328. The top layer 1303 contains a central region 1329 and two side regions 1330 and 1331. The middle layer 1304 contains a central region 1332 and two side regions 1333 and 1334. The bottom layer 1302 contains a central region 1335 and two side regions 1336 and 1337. The top layer 1303 contains a central region 1338 and two side regions 1339 and 1340. The middle layer 1304 contains a central region 1341 and two side regions 1342 and 1343. The bottom layer 1302 contains a central region 1344 and two side regions 1345 and 1346. The top layer 1303 contains a central region 1347 and two side regions 1348 and 1349. The middle layer 1304 contains a central region 1350 and two side regions 1351 and 1352. The bottom layer 1302 contains a central region 1353 and two side regions 1354 and 1355. The top layer 1303 contains a central region 1356 and two side regions 1357 and 1358. The middle layer 1304 contains a central region 1359 and two side regions 1360 and 1361. The bottom layer 1302 contains a central region 1362 and two side regions 1363 and 1364. The top layer 1303 contains a central region 1365 and two side regions 1366 and 1367. The middle layer 1304 contains a central region 1368 and two side regions 1369 and 1370. The bottom layer 1302 contains a central region 1371 and two side regions 1372 and 1373. The top layer 1303 contains a central region 1374 and two side regions 1375 and 1376. The middle layer 1304 contains a central region 1377 and two side regions 1378 and 1379. The bottom layer 1302 contains a central region 1380 and two side regions 1381 and 1382. The top layer 1303 contains a central region 1383 and two side regions 1384 and 1385. The middle layer 1304 contains a central region 1386 and two side regions 1387 and 1388. The bottom layer 1302 contains a central region 1389 and two side regions 1390 and 1391. The top layer 1303 contains a central region 1392 and two side regions 1393 and 1394. The middle layer 1304 contains a central region 1395 and two side regions 1396 and 1397. The bottom layer 1302 contains a central region 1398 and two side regions 1399 and 1400.